

### AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated.

1. **(Currently Amended)** An injection apparatus, comprising:  
a cylinder holder that comprises a flange insertion groove; and  
A a syringe barrel, comprising a flange adapted to be held by said flange insertion  
groove so as to fix the syringe barrel, said flange having a front surface and a rear surface,  
wherein at least one of the front surface and the rear surface of the flange is roughened,  
and wherein the cross section of the roughened surface has a roughness of about No. 20 to  
1500 as expressed in terms of count of sand paper.
2. **(Canceled)**
3. **(Currently Amended)** The ~~syringe barrel~~ injection apparatus according  
to Claim 1, wherein the front surface of the flange is roughened.
- 4-8. **(Canceled)**
9. **(Currently Amended)** ~~A pre-filled syringe~~ An injection apparatus  
according to Claim 1 or Claim 3, further comprising:  
a syringe comprising a said syringe barrel ~~of any one of Claims 1 to 4;~~ and  
a chemical solution filled in the syringe.
10. **(Currently Amended)** The ~~syringe barrel~~ injection apparatus of Claim 1,  
wherein at least one of the front surface and the rear surface is randomly roughened.
11. **(Cancelled)**
12. **(Currently Amended)** The ~~syringe barrel~~ injection apparatus of Claim 1,  
wherein the roughness is regularly patterned roughness.
13. **(Currently Amended)** The ~~syringe barrel~~ injection apparatus of Claim  
12, wherein the roughness has a convex-concave pitch.